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09/26/98 SD  
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AUG 28 2002  
Technology Center

## ABSTRACT OF THE DISCLOSURE

5 A method and/or system for transmitting sequences of signals/data from a transmitter to a receiver and for authenticating the sequences of signals/data may consist of a precalculation phase and of a communication phase in which the signals are transmitted together with the checking sums. In the precalculation phase, a pseudo-random sequence may be first generated by means of a cryptographic algorithm from a time-variable parameter and other initialization data. Non-overlapping sections (z(1) of a sequence (z) having each m bits may be associated to  
10 signals (s(i)), wherein  $i = 1, 2, \dots, n$ , of a signal storage. Further non-overlapping m bit sections (t(i)) of the remaining sequence may be selected for coding numbers (1, 2, ... MAX). The transmitter may transmit the initialization information and the time-variable parameters to the receiver and the receiver may calculate the pseudo-random sequence (Z) and checks the received authentication token (T). The transmitter may  
15 accept the received signals as being authentic when the received authentication tokens match the calculated ones.

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